

M83723/70 Series III Quick-Disconnect Receptacle Adapter



MIL-DTL-83723

Basic
Part Number

M83723/70

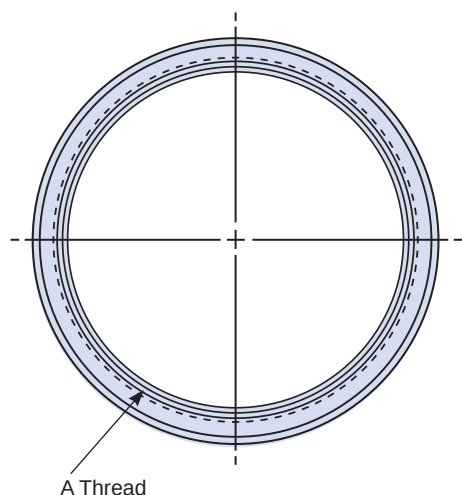
Dash No.

W

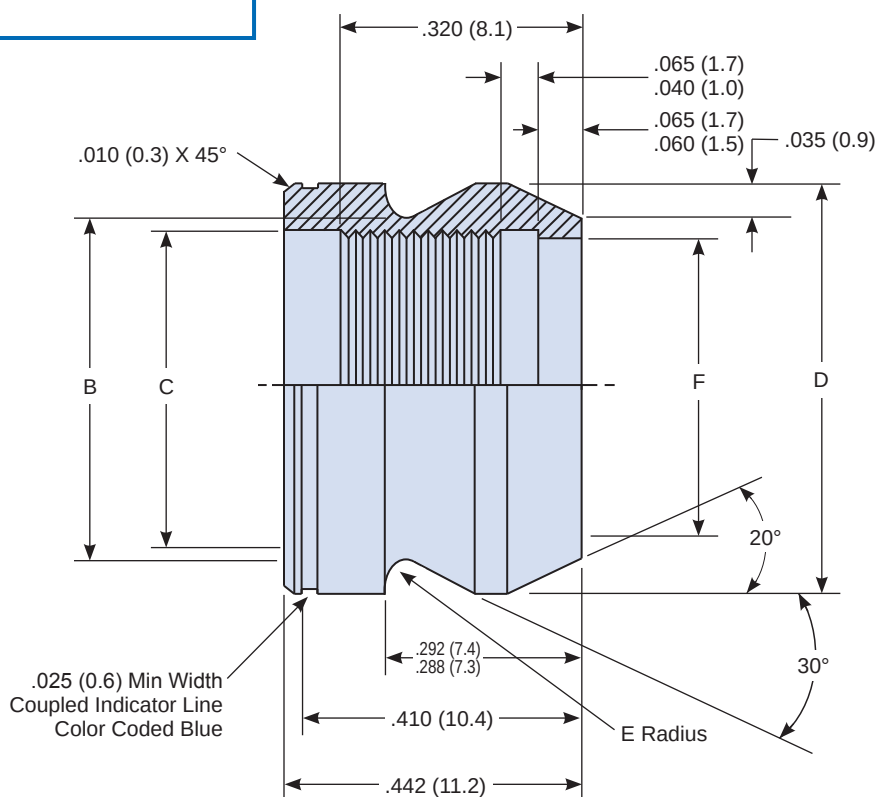
22

Material and Finish

A = Aluminum, Black Anodize
R = Aluminum, Electroless Nickel
G = Corrosion-Resistant Steel Passivate
W = Aluminum, Cadmium Olive Drab over Electroless Nickel



A Thread



APPLICATION NOTES

1. Dimensions are in inches and apply after plating.
2. Metric equivalents are in parentheses and given for information only.
3. Unless otherwise specified, tolerances shall be ± 0.005 (0.13) for three decimal places, ± 0.01 (0.25) for two decimal places and $\pm 1/2^\circ$ for all angles.
4. Coupling indicator line shall be color coded blue and $.025 \pm .010$ (0.64 $\pm$ 0.25) wide.

Dimensions in inches (millimeters) and are subject to change without notice.

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M83723/70 Straight Adapter

TABLE I: Shell Size, Thread, Teeth and Dimensions

Shell Size	A Coupling Thread UNEF-2B	B Dia	C Dia	D Dia	E Radius	F Dia
8	.5625-24	.607 (15.42) .603 (15.32)	.579 (14.71) .575 (14.61)	.689 (17.50) .685 (17.40)	.036 (0.91) .031 (0.79)	.525 (13.34)
10	.6875-24	.732 (18.59) .728 (18.49)	.714 (18.14) .710 (18.03)	.814 (20.68) .810 (20.57)	.036 (0.91) .031 (0.79)	.650 (16.51)
12	.875-20	.918 (23.34) .915 (23.24)	.894 (22.71) .890 (22.61)	1.001 (25.43) .997 (25.32)	.036 (0.91) .031 (0.79)	.840 (21.34)
14	.9375-20	.982 (24.94) .978 (24.84)	.954 (24.23) .950 (24.13)	1.064 (27.03) 1.060 (26.92)	.036 (0.91) .031 (0.79)	.900 (22.86)
16	1.0625-18	1.107 (28.12) 1.103 (28.02)	1.079 (27.41) 1.075 (27.31)	1.189 (30.20) 1.185 (30.10)	.036 (0.91) .031 (0.79)	1.025 (26.04)
18	1.1875-18	1.232 (31.29) 1.228 (31.19)	1.204 (30.58) 1.200 (30.48)	1.330 (33.78) 1.326 (33.68)	.044 (1.12) .039 (0.99)	1.150 (29.21)
20	1.3125-18	1.357 (34.47) 1.353 (34.37)	1.329 (33.76) 1.325 (33.66)	1.455 (36.96) 1.451 (36.86)	.044 (1.12) .039 (0.99)	1.275 (32.39)
22	1.4375-18	1.482 (37.64) 1.478 (37.54)	1.454 (36.93) 1.450 (36.83)	1.580 (40.13) 1.576 (40.03)	.044 (1.12) .039 (0.99)	1.400 (35.56)
24	1.5625-18	1.607 (40.82) 1.603 (40.72)	1.579 (40.11) 1.575 (40.01)	1.705 (43.31) 1.701 (43.21)	.044 (1.12) .039 (0.99)	1.525 (38.74)

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